

Wed April 10, 1963

Light Source and Screen

(potential Proposal)

Enclosed is a copy of a first stage of a proposal to demonstrate feasibility of improving screen brightness and resolution. The proposal was mailed directly to [REDACTED] about 8 Apr 63.

The concept of using a fluorescent coated screen and pulsed light for projection viewing is, I believe, original with this Company. Some studies on television tube and image converter tube resolution that I have heard about seem to indicate that it is the electron beam that limits resolution and not the phosphor. If this is so, such a projection screen material could prove to be a break thru in increasing both screen brightness and improving screen resolution.

I suggest you seriously consider requesting them to propose a program which will demonstrate feasibility.

Some descriptive material on the Company follows.

STATINTL

DECLASS REVIEW by NIMA/DOD